

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: February 11, 2005, 02:05:27 ; Search time 236 Seconds

(without alignments)
8683.069 Million cell updates/sec

Title: US-09-904-994B-1

Perfect score: 2883
Sequence: 1 rgragatcttcacactc.....aaaagaagtagaacacagg 2883Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 824507 seqs, 355394441 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued Patents NA:*

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- 3: /cgn2_6/p10data/1/ina/6A.COMB.seq:*
- 4: /cgn2_6/p10data/1/ina/6B.COMB.seq:*
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- 6: /cgn2_6/p10data/1/ina/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	27	0.9	2619	2 US-08-467-822-19	Sequence 19, Appl
2	27	0.9	2619	3 US-08-432-697-19	Sequence 19, Appl
3	27	0.9	2619	3 US-08-466-248-19	Sequence 19, Appl
4	20	0.7	550	4 US-09-270-767-3974	Sequence 3974, Ap
5	20	0.7	550	4 US-09-270-767-19256	Sequence 19256, A
6	20	0.7	1233	1 US-08-289-458-4	Sequence 4, Appli
7	20	0.7	1233	2 US-08-761-549-4	Sequence 4, Appli
8	20	0.7	1233	3 US-09-127-646-4	Sequence 4, Appli
9	20	0.7	1727	1 US-08-289-458-3	Sequence 3, Appli
10	20	0.7	1727	2 US-08-761-549-3	Sequence 3, Appli
11	20	0.7	1727	3 US-09-127-646-3	Sequence 3, Appli
12	20	0.7	2735	5 US-08-920-095-1	Sequence 1, Appli
13	20	0.7	2735	5 PCT-US96-05800-1	Sequence 1, Appli
14	20	0.7	4824	4 US-09-431-705-1	Sequence 1, Appli
15	20	0.7	4824	4 US-09-431-705-19	Sequence 19, Appl
16	20	0.7	5152	4 US-10-204-708-74	Sequence 74, Appl
17	19	0.7	260	4 US-09-513-999C-31838	Sequence 31838, A
18	19	0.7	2235	1 US-08-313-181-3	Sequence 3, Appli
19	19	0.7	640681	4 US-09-790-988-1	Sequence 1, Appli
20	18	0.6	262	4 US-09-513-999C-2843	Sequence 2843, Ap
21	18	0.6	332	4 US-09-248-796A-13331	Sequence 13331, A
22	18	0.6	336	4 US-08-489-039A-7094	Sequence 7094, Ap
23	18	0.6	366	4 US-09-248-796A-4797	Sequence 4797, Ap
24	18	0.6	431	3 US-09-439-313-360	Sequence 360, App
25	18	0.6	431	3 US-09-352-616A-360	Sequence 360, App
26	18	0.6	431	4 US-09-636-215-360	Sequence 360, App
27	18	0.6	431	4 US-09-685-166A-360	Sequence 360, App

C 28	18	0.6	431	4 US-09-679-426-360	Sequence 360, App
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C 30	18	0.6	460	3 US-09-352-616A-309	Sequence 309, App
C 31	18	0.6	460	4 US-09-232-149A-309	Sequence 309, App
C 32	18	0.6	460	4 US-09-636-215-309	Sequence 309, App
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C 38	18	0.6	540	4 US-09-270-767-83675	Sequence 23675, A
C 39	18	0.6	957	4 US-09-540-236-56	Sequence 56, Appl
C 40	18	0.6	994	2 US-08-179-557-16	Sequence 16, Appl
C 41	18	0.6	1038	2 US-09-328-352-2937	Sequence 2937, Ap
C 42	18	0.6	1345	2 US-08-702-153-3	Sequence 3, Appli
C 43	18	0.6	1656	3 US-09-522-217-106	Sequence 106, App
C 44	18	0.6	1656	4 US-09-923-246-106	Sequence 106, App
C 45	18	0.6	1656	4 US-10-295-723-106	Sequence 106, App

ALIGNMENTS

RESULT 1
US-08-467-822-19
Sequence 19, Application US/08467822
Patent No. 5843460
GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Sauerbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Thibierge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBLACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/467,822
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/447,177
FILING DATE: 19-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 2619 base pairs
TYPE: nucleic acid

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STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 31..36
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
OTHER INFORMATION: sequence."
FEATURE:
NAME/KEY: misc_feature
LOCATION: 756..759
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
OTHER INFORMATION: sequence."
US-08-467-822-19

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Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1134 ATTACAAGCCGACATTGGATTAAA 1160
Db      1006 ATTACAAGCCGACATTGGATTAAA 1032

RESULT 2
US-08-432-697-19
Sequence 19, Application US/08432697
Patent No. 6248330
GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Sauerbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Thiberge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4400
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 2619 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 31..36
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
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OTHER INFORMATION: sequence."
FEATURE:
NAME/KEY: misc_feature
LOCATION: 756..759
OTHER INFORMATION: /standard_name="Shine-Dalgarno"
OTHER INFORMATION: sequence."
US-08-432-697-19

Query Match      0.9%; Score 27; DB 3; Length 2619;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1134 ATTACAAGCCGACATTGGATTAAA 1160
Db      1006 ATTACAAGCCGACATTGGATTAAA 1032

RESULT 3
US-08-466-248-19
Sequence 19, Application US/08466248
Patent No. 6258359
GENERAL INFORMATION:
APPLICANT: Labigne, Agnes
APPLICANT: Sauerbaum, Sebastien
APPLICANT: Ferrero, Richard L.
APPLICANT: Thiberge, Jean-Michel
TITLE OF INVENTION: IMMUNOGENIC COMPOSITIONS AGAINST
TITLE OF INVENTION: HELICOBACTER INFECTION, POLYPEPTIDES FOR USE IN THE
TITLE OF INVENTION: COMPOSITIONS, AND NUCLEIC ACID SEQUENCES ENCODING SAID
TITLE OF INVENTION: POLYPEPTIDES
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/466,248
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/447,177
FILING DATE: 19-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/432,697
FILING DATE: 02-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Meyers, Kenneth J.
REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 03495.0137-02000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4400
TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 2619 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 31..36
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OTHER INFORMATION: /standard name="Shine-Dalgarno
OTHER INFORMATION: sequence."
FEATURE: NAME/KEY: misc_feature
LOCATION: 756..759
OTHER INFORMATION: /standard name="Shine-Dalgarno
OTHER INFORMATION: sequence."
US-08-466-248-19

Query Match 0.9%; Score 27; DB 3; Length 2619;
Best Local Similarity 100.0%; Pred. No. 0.0016;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1134 ATTTCACAGCCGACATTTGGATTAA 1160
DB 1006 ATTTCACAGCCGACATTTGGATTAA 1032

RESULT 4
US-09-270-767-3974
Sequence 3974, Application US/09270767

PATENT NO. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3974
LENGTH: 550
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-09-270-767-3974

Query Match 0.7%; Score 20; DB 4; Length 550;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2035 ATAAAGATAAAAAAGATT 2054
DB 434 ATAAAGATAAAAAAGATT 453

RESULT 5
US-09-270-767-19256
Sequence 19256, Application US/09270767

PATENT NO. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 19256
LENGTH: 550
TYPE: DNA
ORGANISM: Drosophila melanogaster
US-09-270-767-19256

Query Match 0.7%; Score 20; DB 4; Length 550;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2035 ATAAAGATAAAAAAGATT 2054
DB 434 ATAAAGATAAAAAAGATT 453

RESULT 6

US-08-289-458-4/c
Sequence 4, Application US/08289458

PATENT NO. 5608144
GENERAL INFORMATION:
APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,
APPLICANT: LEE, Kathleen Y.
TITLE OF INVENTION: PLANT GP2 PROMOTERS AND USES THEREOF
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: Stewart Street Tower, One Market Plaza
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94105-1493

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/289,458
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 12176-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 1233 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CANT_signal

LOCATION: 1100..1103

FEATURE:

NAME/KEY: TATA_signal

LOCATION: 1139..1146

FEATURE:

NAME/KEY: misc_feature

LOCATION: 1169

OTHER INFORMATION: /note= "Transcriptional start site"

FEATURE:

NAME/KEY: misc_feature

LOCATION: 1172

OTHER INFORMATION: /note= "pgp50 5' end"

OTHER INFORMATION: up to the ATG start codon."

US-08-289-458-4

Query Match 0.7%; Score 20; DB 1; Length 1233;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 73 TATTATTATTTTATTA 92
DB 790 TATTATTATTTTATTA 771

RESULT 7
US-08-761-549-4/c
Sequence 4, Application US/08761549
Patent No. 5981727
GENERAL INFORMATION:

APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,
APPLICANT: LEE, Kathleen Y.
TITLE OF INVENTION: PLANT Gp2 PROMOTERS AND USES THEREOF
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: Stewart Street Tower, One Market Plaza
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94105-1493
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,549
FILING DATE: 06-DEC-1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/289,458
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 12176-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1233 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CAAT_signal
LOCATION: 1100..1103
FEATURE:
NAME/KEY: TATA_signal
LOCATION: 1139..1146
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1169
OTHER INFORMATION: /note= "Transcriptional start site"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1172
OTHER INFORMATION: /note= "pgp50 5' end"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..1233
OTHER INFORMATION: /note= "Pepper Gp2 promoter sequence
OTHER INFORMATION: up to the ATG start codon."
US-08-761-549-4
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Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 73 TATTATTAATTTTATATA 92
DB 790 TATTATTAATTTTATATA 771

APPLICANT: Dunsmuir, Pamela
APPLICANT: Lee, Kathleen Y.
TITLE OF INVENTION: Nucleic Acids Encoding Plant Group 2 Proteins and Uses
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Kourie and Crew
STREET: Stewart Street Tower, One Market Plaza
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94105-1493
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/289,458
FILING DATE:
CLASSIFICATION: 800
US-09-127-646-4
Query Match 0.7%; Score 20; DB 3; Length 1233;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 73 TATTATTAATTTTATATA 92
DB 790 TATTATTAATTTTATATA 771

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ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 12176-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1727 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CAAT_signal
LOCATION: 1100..1103
FEATURE:
NAME/KEY: TATA_signal
LOCATION: 1139..1146
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1169
OTHER INFORMATION: /note= "Transcriptional start site"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1172
OTHER INFORMATION: /note= "pgp50 5' end"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1234..1236
OTHER INFORMATION: /note= "Translation start codon"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1298
OTHER INFORMATION: /note= "Intron start site"
FEATURE:
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LOCATION: 1..1233
OTHER INFORMATION: /note= "Gp2 promoter sequence"
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..1727
OTHER INFORMATION: /note= "Gp2 Genomic DNA clone"
US-08-289-458-3
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Best Local Similarity 100.0%; Pred. No. 6.3;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 73 TATTATTAAATTTTAAATAA 92
Db 790 TATTATTAAATTTTAAATAA 771
RESULT 10
US-08-761-549-3/C
Sequence 3, Application US/08761549
Patent No. 5981727
GENERAL INFORMATION:
APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,
APPLICANT: LEE, Kathleen Y.
TITLE OF INVENTION: PLANT GP2 PROMOTERS AND USES THEREOF
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Hourie and Crew
STREET: Stewart Street Tower, One Market Plaza
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94105-1493
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/761,549
FILING DATE: 06-DEC-1996
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/289,458
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 12176-4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEFAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1727 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CAAT_signal
LOCATION: 1100..1103
FEATURE:
NAME/KEY: TATA_signal
LOCATION: 1139..1146
FEATURE:
NAME/KEY: misc_feature
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OTHER INFORMATION: /note= "Gp2 Genomic DNA clone"
US-08-761-549-3
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Best Local Similarity 100.0%; Pred. No. 6.3;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 73 TATTATTAAATTTTAAATAA 92
Db 790 TATTATTAAATTTTAAATAA 771
RESULT 11
US-09-127-646-3/C
Sequence 3, Application US/09127646
Patent No. 6291744
GENERAL INFORMATION:
APPLICANT: Baden, Catherine S.
APPLICANT: Dunsmuir, Pamela
APPLICANT: Lee, Kathleen Y.
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APPLICANT: DNA Plant Technology Corporation
TITLE OF INVENTION: Nucleic Acids Encoding Plant Group 2 Proteins and Uses
TITLE OF INVENTION: Thercof
FILE REFERENCE: 012176-004020US
CURRENT APPLICATION NUMBER: US/09/127, 646
CURRENT FILING DATE: 1998-07-31
EARLIER APPLICATION NUMBER: US 08/289, 458
EARLIER FILING DATE: 1994-08-12
EARLIER APPLICATION NUMBER: US 08/761, 549
EARLIER FILING DATE: 1996-12-06
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3
LENGTH: 1727
TYPE: DNA
ORGANISM: Capsicum annuum
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)..(1727)
OTHER INFORMATION: pepper plant Group 2 (Gp2) genomic DNA clone
FEATURE:
NAME/KEY: promoter
LOCATION: (1)..(1233)
OTHER INFORMATION: Gp2 promoter sequence
FEATURE:
NAME/KEY: CAAT_signal
LOCATION: (1100)..(1103)
FEATURE:
NAME/KEY: TATA_signal
LOCATION: (1139)..(1146)
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1165)
OTHER INFORMATION: transcriptional start site
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1172)
OTHER INFORMATION: pGP50 5' end
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1234)..(1236)
OTHER INFORMATION: translation start codon
FEATURE:
NAME/KEY: intron
LOCATION: (1298)
OTHER INFORMATION: intron start site
US-09-127-646-3

Query Match 0.7%; Score 20; DB 3; Length 1727;
Best Local Similarity 100.0%; Pred. No. 6.3;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 73 TATTATTATTTTAAATAA 92
|||||
Db 790 TATTATTATTTTAAATAA 771

RESULT 12
US-08-920-095-1
Sequence 1, Application US/08920095
Patent No. 5837240
GENERAL INFORMATION:
APPLICANT: Cynthia K. Lee et al.
TITLE OF INVENTION: MULTIMERIC, RECOMBINANT UREASE VACCINE
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/920, 095
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/431, 041
FILING DATE: 28-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06132/013001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2735 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-920-095-1

Query Match 0.7%; Score 20; DB 2; Length 2735;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 320 ATTAGTCCCATATTATGA 339
|||||
Db 216 ATTAGTCCCATATTATGA 235

RESULT 13
PCT-US96-05800-1
Sequence 1, Application PC/TUS9605800
GENERAL INFORMATION:
APPLICANT: Oravax, Inc.
TITLE OF INVENTION: MULTIMERIC, RECOMBINANT UREASE VACCINE
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/05800
FILING DATE: 23-APR-1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/431, 041
FILING DATE: 28-APR-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/568, 122
FILING DATE: 06-DEC-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 06132/020001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2735 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; PCT-US96-05800-1

Query Match 0.7%; Score 20; DB 5; Length 2735;
Best Local Similarity 100.0%; Pred. No. 6.4;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 ATTAGTGGCCATATTATGGA 339
Db 216 ATTAGTGGCCATATTATGGA 235

RESULT 14
US-09-431-705-1
; Sequence 1, Application US/09431705
; Patent No. 6585975
; GENERAL INFORMATION:
; APPLICANT: Kleantous, Harold
; APPLICANT: Londono-Arcila, Patricia
; TITLE OF INVENTION: Use of salmonella vectors for
; FILE REFERENCE: 06132/060001
; CURRENT APPLICATION NUMBER: US/09/431.705
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4824
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: includes sequences from *Helicobacter pylori*,
; OTHER INFORMATION: *Salmonella typhimurium*, and *Escherichia coli*
; NAME/KEY: CDS
; LOCATION: (2) ... (31)
; NAME/KEY: CDS
; LOCATION: (41) ... (61)
; NAME/KEY: CDS
; LOCATION: (65) ... (799)
; NAME/KEY: CDS
; LOCATION: (803) ... (2512)
; NAME/KEY: CDS
; LOCATION: (2516) ... (2692)
; NAME/KEY: CDS
; LOCATION: (2696) ... (2896)
; NAME/KEY: CDS
; LOCATION: (2900) ... (3322)
; NAME/KEY: CDS
; LOCATION: (3326) ... (3385)
; NAME/KEY: CDS
; LOCATION: (3389) ... (3406)
; NAME/KEY: CDS
; LOCATION: (3410) ... (3466)
; NAME/KEY: CDS
; LOCATION: (3470) ... (3598)
; NAME/KEY: CDS
; LOCATION: (3602) ... (3661)
; NAME/KEY: CDS
; LOCATION: (3665) ... (3697)
; NAME/KEY: CDS
; LOCATION: (3701) ... (3769)
; NAME/KEY: CDS
; LOCATION: (3773) ... (3817)
; NAME/KEY: CDS
; LOCATION: (3821) ... (3844)

NAME/KEY: CDS
; LOCATION: (3848) ... (3889)
; US-09-431-705-1

Query Match 0.7%; Score 20; DB 4; Length 4824;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 ATTAGTGGCCATATTATGGA 339
Db 200 ATTAGTGGCCATATTATGGA 219

RESULT 15
US-09-431-705-19
; Sequence 19, Application US/09431705
; Patent No. 6585975
; GENERAL INFORMATION:
; APPLICANT: Kleantous, Harold
; APPLICANT: Londono-Arcila, Patricia
; TITLE OF INVENTION: Use of salmonella vectors for
; FILE REFERENCE: 06132/060001
; CURRENT APPLICATION NUMBER: US/09/431.705
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 4824
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: includes sequences from *Helicobacter pylori*,
; OTHER INFORMATION: *Salmonella typhimurium*, and *Escherichia coli*
; NAME/KEY: CDS
; LOCATION: (3893) ... (3934)
; NAME/KEY: CDS
; LOCATION: (3938) ... (4027)
; NAME/KEY: CDS
; LOCATION: (4031) ... (4285)
; NAME/KEY: CDS
; LOCATION: (4289) ... (4300)
; NAME/KEY: CDS
; LOCATION: (4304) ... (4408)
; NAME/KEY: CDS
; LOCATION: (4412) ... (4471)
; NAME/KEY: CDS
; LOCATION: (4475) ... (4588)
; NAME/KEY: CDS
; LOCATION: (4592) ... (4669)
; NAME/KEY: CDS
; LOCATION: (4673) ... (4711)
; NAME/KEY: CDS
; LOCATION: (4715) ... (4774)
; NAME/KEY: CDS
; LOCATION: (4784) ... (4824)
; US-09-431-705-19

Query Match 0.7%; Score 20; DB 4; Length 4824;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 ATTAGTGGCCATATTATGGA 339
Db 200 ATTAGTGGCCATATTATGGA 219

Search completed: February 11, 2005, 08:45:25
Job time: 238 secs

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